

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091919\  
 Data File : VV012908.D  
 Acq On : 18 Sep 2019 22:50  
 Operator : SY/MD  
 Sample : VV0919WBL01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK001

Quant Time: Sep 19 04:29:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVTR072919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Sep 19 05:26:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.73  | 114  | 372426   | 5.00 | ug/L  | 0.07     |
| 28) Chlorobenzene-d5       | 8.91  | 117  | 357778   | 5.00 | ug/L  | 0.01     |
| 58) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 138111   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.35   | 65    | 141492   | 6.71     | ug/L | 0.03     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 134.20%# |
| 7) Chloroethane-d5             | 1.63   | 69    | 70747    | 4.79     | ug/L | 0.05     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.80%   |
| 11) 1,1-Dichloroethene-d2      | 2.19   | 63    | 155422   | 4.07     | ug/L | 0.06     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.40%   |
| 20) 2-Butanone-d5              | 4.08   | 46    | 348407   | 72.78    | ug/L | 0.12     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 145.56%# |
| 24) Chloroform-d               | 4.48   | 84    | 261111   | 5.73     | ug/L | 0.08     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 114.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.17   | 65    | 133952   | 5.44     | ug/L | 0.09     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.80%  |
| 32) Benzene-d6                 | 5.18   | 84    | 517839   | 5.75     | ug/L | 0.08     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 115.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.17   | 67    | 167793   | 6.66     | ug/L | 0.06     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 133.20%  |
| 41) Toluene-d8                 | 7.39   | 98    | 407741   | 4.66     | ug/L | 0.03     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.20%   |
| 43) trans-1,3-Dichloropropene- | 7.69   | 79    | 51464    | 4.67     | ug/L | 0.03     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.40%   |
| 46) 2-Hexanone-d5              | 8.16   | 63    | 233644   | 59.95    | ug/L | 0.02     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 119.90%  |
| 56) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 115933   | 6.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 122.60%# |
| 66) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 141701   | 5.76     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 115.20%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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